



CITY OF HERCULES

111 CIVIC DRIVE, HERCULES, CA 94547
PHONE: 510 • 799 • 8200

September 13, 2016

Bruce H. Wolfe, Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Dear Mr. Wolfe:

Enclosed is the 2015-16 Annual Report for the City of Hercules, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

In accordance with Provision C.17.c, the City of Hercules was not in compliance with Provision C.10.c.iii, Trash Hot Spot Assessment. The Hot Spot assessment was not performed in FY 15-16. The City has scheduled the trash hot assessment for FY16-17 for September 2016.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Very truly yours,

Mike Roberts

Public Works Director/City Engineer

FY 2015-2016 Annual Report
Permittee Name: City of Hercules

ATTACHMENT B

Table of Contents

Section	Page
Section 1 – Permittee Information.....	1-1
Section 2 – Provision C.2 Municipal Operations	2-1
Section 3 – Provision C.3 New Development and Redevelopment.....	3-1
Section 4 – Provision C.4 Industrial and Commercial Site Controls.....	4-1
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination	5-1
Section 6 – Provision C.6 Construction Site Controls.....	6-1
Section 7 – Provision C.7 Public Information and Outreach	7-1
Section 9 – Provision C.9 Pesticides Toxicity Controls	9-1
Section 10 – Provision C.10 Trash Load Reduction.....	10-1
Section 11 – Provision C.11 Mercury Controls	11-1
Section 12 – Provision C.12 PCBs Controls	12-1
Section 13 – Provision C.13 Copper Controls.....	13-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges	15-1

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Hercules				
Population:	24,848				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)				
Order Number:	R2-2015-0049 (San Francisco Bay RWQCB Permit)				
Reporting Time Period (month/year):	July 2015 through June 2016				
Name of the Responsible Authority:	David Biggs			Title:	City Manager
Mailing Address:	111 Civic Drive				
City:	Hercules	Zip Code:	94547	County:	Contra Costa County
Telephone Number:	510.799.8200		Fax Number:	510.245.2521	
E-mail Address:	dbiggs@ci.hercules.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Mike Roberts		Title:	Public Works Director/City Engineer	
Department:	Public Works Department				
Mailing Address:	111 Civic Drive				
City:	Hercules	Zip Code:	94547	County:	Contra Costa County
Telephone Number:	510.799.8241		Fax Number:	510.799.8249	
E-mail Address:	Mike.roberts@ci.hercules.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Refer to the C.2 Municipal Operations section of the CCCWP's FY 15-16 Annual Report for a description of activities implemented at the countywide and/or regional level.

C.2.a. ► Street and Road Repair and Maintenance

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
Comments:	

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: City staff removes all graffiti and no contractors are engaged for this work. Graffiti is rare within our City, but staff is trained in proper methods of removal, capture and disposal of waste generated from this activity.	

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ¹ roads:		<input type="checkbox"/>	Yes
		<input checked="" type="checkbox"/>	No
If your answer is No then skip to C.2.f.			
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
N/A	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
N/A	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts		
N/A	Inspection of rural roads for structural integrity and prevention of impact on water quality		
N/A	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
N/A	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
N/A	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas:			

¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporation yard(s):			
N/A	We do not have a corporation yard		
N/A	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
X	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
N/A	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
N/A	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
X	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: The City of Hercules corporation yard is more a storage yard than a corporation yard. No vehicles or parts washing on-site. A SWPPP has been filed and BMP's are continually maintained as required.			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
City of Hercules Corporation Yard	10-08-2015	All systems were reported as "Functioning"	N/A

Section 3 - Provision C.3 Reporting New Development and Redevelopment

**C.3.a. ► New Development and Redevelopment Performance
Standard Implementation Summary Report**

(For FY 15-16 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

1) Municipality's legal authority to implement c.3:

The City of Hercules has adopted a Stormwater Management and Discharge Control Ordinance to protect and enhance the water quality pursuant to and consistent with the Porter Cologne Water Quality Control Act and the Federal Clean Water Act. It embodies the NPDES permit and any successor amendment or re-issuance. The Ordinance is currently being reviewed for potential updates to be consistent.

2) Municipality's development review and permitting procedures, including conditions of approval or other enforcement mechanisms:

The City reviews all application for development for the potential to be regulated under Provision C.3. All regulated projects are required to submit as part of their application to be deemed complete a preliminary Storm Water Control Plan for approval. Final development documents submitted are reviewed for consistency with the originally approved SWCP and for consistency between the site development plans and the approved SWCP.

3) How water quality effects and mitigation measures are addressed in environmental review:

Impacts on water quality are reviewed as part of the environmental certification project for each submittal.

4) C.3 training for appropriate departments:

Staff (or designated consultant staff) participates on the Contra Costa Clean Water Program Management Committee and attends the periodic update training for the implementation of C.3.

5) Outreach/education efforts to staff, developers, contractors, construction site operators and owner/builders:

Being a small community with very limited staff, virtually all staff is involved with the clean water program in one way or another. Through this involvement staff, and its consultants, are continually involved in the Program activities and trainings. Staff encourages the development community and contractors to become aware and involved in the C.3 training. This is supported by announcement from the Contra Cost Program giving notice of trainings.

6) How your municipality encourage site design measures at unregulated projects subject to Planning/Building Department review:

Unregulated projects are still inspected for compliance with the City Stormwater Control and Discharge Ordinance which prohibits non-stormwater discharges. Site between 2,500 s.f. and 10,000 s.f. of new impervious surface are to incorporate at least one measure in their project. The most common is to discharge rain water leaders to the landscaping.

7) How your municipality encourages source control measures at unregulated projects subject to Planning/Building Department review:

Projects are reviewed for source control measures. Most commonly for small commercial are covered trash bin areas with drains to the sanitary sewer. Other activities are the encouragement of minimized impervious surfaces and control of any chemicals that are not stored indoors.

8) General plan revisions (if needed) to integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies.

No general plan amendments are yet identified but this will be a larger activity in concert with the review of the Stormwater and Discharge Control Ordinance. It is anticipated that there will be some analysis that may lead to revision due to Green Infrastructure.

C.3.b.iv.(2) ► Regulated Projects Reporting

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information

C.3.c.ii ► Design Specifications for Pervious Pavement Systems

(For FY 2015-16 Annual Report only). Submit design specifications for pervious pavement systems that have been developed and adopted on a regional or countywide basis. If design specifications have been adopted and are contained in a Countywide stormwater handbook, include a reference to the handbook.

Summary:

The City of Hercules is following the design specifications included in the CCCWP's Stormwater C.3 Guidebook.

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

☐

Yes

☒

No

Comments (optional):

C.3.e.v ► Special Projects Reporting

1. In FY 2015-16, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		Yes	X	No
2. In FY 2015-16, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.		Yes	X	No
<p>If you answered "Yes" to either question,</p> <ol style="list-style-type: none"> 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. 				

C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls

<p>On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.</p>
<p>See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.</p>

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Guidance: Complete ONE of the following two tables. In FY 15-16, Permittees have an option to either report the number of sites inspected or the number of treatment measures inspected. Do not leave any cells blank. The calculation of the percentage of Regulated Projects or stormwater treatment/HM systems for which O&M verifications were conducted during the reporting period is based on the total number of projects or systems in the Permittee's database at the end of the previous fiscal year because projects added during the reporting fiscal year will likely have installation inspections and not O&M verification inspections, and it allows an agency to plan the required number of inspections to be conducted during the reporting period.

Option 1 – Reporting Site Inspections	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY14-15)	
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	% ²
Option 2 – Reporting Stormwater Treatment System Inspections	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	10
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	10
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	10
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	100% ³

² Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

³ Based on the number of stormwater treatment and HM systems database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

**C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems
 Operation and Maintenance Verification Inspection Program
 Reporting**

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

City staff continues to clean and inspect the device at the BART parking lot on a weekly basis. Plant material is maintained by a contract landscaper every 6 months. The device continues to operate effectively and there have been no extraordinary maintenance issues.

The 9 hydrodynamic separators are maintained annually by a contract services. Reports are submitted to The City and no anomalies were indicated.

**C.3.i. ► Required Site Design Measures for Small Projects and
 Detached Single Family Home Projects**

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, 6th Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City of Hercules' stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

C.3.j.i.v.(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

A presentation at the City Council is scheduled for September 13, 2016. This presentation is to inform the council and the public of the need for and purpose of green infrastructure. This presentation will also talk about trash reduction and efforts that the City will be implementing in FY 16-17 to achieve trash reduction

Please refer to the CCCWP's FY 15-16 Annual Report for a summary of outreach efforts implemented at the countywide level.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

The City is implementing the guidance provided in the "BASMAA Guidance for Identifying Green Infrastructure Potential" Dated May 6, 2016. The City has minimal funding and only has available gas tax and sales tax CCTA Measure money for street maintenance. Staff has reviewed the project list to ensure no opportunity is lost. The results are shown in the following tables.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information, and any additional notes provided here (optional).

The City has listed its CIP projects that are funded. Only one has GI potential, in fact the project can be considered a GI project on its own. It is the restoration of a wetlands to filter runoff and flows from Pinole Creek and also to settle out sediment from the creek. Other projects are minimal maintenance project to maintain current infrastructure without expansion of programs.

C.3.j.iii.(2) ► Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

Please refer to the CCCWP's FY 15-16 Annual Report, Section 3 for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) ► Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that waste load allocations for TMDLs are being met.

Please refer to the CCCWP's FY 15-16 Annual Report, Section 3 for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period											
Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: No, regulated projects were approved during this reporting period.											

¹⁰Include cross streets

¹¹If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter “NA”.

¹²Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

¹³State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁴All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁵All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶For redevelopment projects, state the pre-project impervious surface area.

¹⁷For redevelopment projects, state the post-project impervious surface area.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹⁸For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²¹List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²²List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²³List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners’ association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²⁴See Provision C.3.d.i. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁵For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁶For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

²⁷Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸If HM control is not required, state why not.

²⁹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: No, regulated projects were approved during this reporting period.										

³⁰For public projects, enter the plans and specifications approval date.

³¹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³²List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

³³List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

³⁴List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁵See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁶For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

³⁷For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

³⁸Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹If HM control is not required, state why not.

⁴⁰If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed⁴¹ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.

Name of Facility	Address of Facility	Party Responsible ⁴² For Maintenance	Type of Treatment/HM Control(s)
Victoria Crescent Basin	1000 Gardenia Loop, Hercules, CA	Developer/Home Owners Association	Bio-Retention Facility

⁴¹ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

⁴²State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴³	Status ⁴⁴	Description ⁴⁵	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁶	LID Treatment Reduction Credit Available ⁴⁷	List of LID Stormwater Treatment Systems ⁴⁸	List of Non-LID Stormwater Treatment Systems ⁴⁹
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Category A: Category B: Category C: Location: Density: Parking: N/A	Category A: Category B: Category C: Location: Density: Parking: N/A	Indicate each type of LID treatment system and % of total runoff treated. N/A	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received N/A

⁴³Date that a planning application for the Special Project was submitted.

⁴⁴ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

⁴⁵Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁶ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁷For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁴⁸: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁴⁹List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative

The City of Hercules has no Special Projects to report.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
Restore Chelsea Wetlands	Remove fill from a former wetlands area and restore to be a transitional area between the flood plain and Pinole Creek	Environmental Certification	Yes	Tidal grasslands to treat runoff and silt from Pinole Creek
Community Swim Center	Replaster pool and reroof	Design	No	No GI Opportunity, Bldg modification
Refugio Lake Park Improvements	Parking lot overlay	Design	No	Parking Lot pavement maintenance
Refugio Valley Lake	Retaining wall and Tennis court backboard repair	Under construction	No	Structure repairs
Sidewalk Replacement Project	Repair damaged CG&S and replace slabs damaged by tree roots	Ongoing	No	Repairs only
Annual Street Overlay	Repair of street pavement	Ongoing	No	Maintenance work within the existing footprint
Annual Repair of Garbage Truck Impacts	Repair of damage caused by overweight garbage trucks	Ongoing	No	Dedicated funding from solid waste fund
Restriping Project	Project to renew street pavement striping	Ongoing	No	Only involves restriping of streets
Grant Overlay Project OBAG	Grant funded repaving project	Under Construction	No	Too Late
Bay Trail	Retaining Wall Repairs	Design underway in 15-16	No	The project is only to repair retaining walls
Path to Transit	Repairs to sewer lines and paths	Construction is under way in 15-16 and 16-17	No	Too Late

⁴⁴ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁶ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁷ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

West Bay Trail	Funding for design and permits, no construction funding	Design Commenced	No	No funding allocated for GI
Fuel Oil Relocation	Relocation of Kinder Morgan and Shell Fuel Lines for new transit loop retaining walls	Planned for 17-18 however is currently unfunded	No	None, project is specific to relocate fuel lines for a retaining wall
Track/Signal Work	Railroad bridge, rail retaining wall, and track and signal work	Planned for 18-19 however is currently unfunded	NO	None, work is specific to the rail lines
Initial Rail station	Rail station building	Planned for 17-18 however is currently unfunded	NO	None, work is a rail station that would be regulated
Transit Loop	Creekside park and transit loop roadway and promenade	Planned for 17-18 however is currently unfunded	NO	Is a potential candidate project but no design has been commenced
Trails, Parks and Plazas	Civic park and park elements.	Planned for 17-18 however is currently unfunded	No	Is a potential candidate project but no design has been commenced
Inspect and Repair Sewer System	RWQCB compliance project to repair I&I	Ongoing in Phases	No	No potential for green infrastructure
Wastewater Treatment Plant Improvements	Expand treatment plant	Under construction	No	No potential for green infrastructure
Replace Corp Yard Mobile Offices	Replace existing trailers	In planning	No	No potential for green infrastructure as part of trailer replacement
Rehabilitate Lift Stations	Renovate city sewer lift stations	In planning	No	No potential green infrastructure in an equipment replacement project

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects

Project Name and Location⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
None	N/A	N/A	N/A

⁴⁸ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The West County Wastewater District handles the City of Hercules' business inspections. The list of potential business inspections is reviewed annually and includes industrial business within the City. Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 15-16 Annual Report for a description of activities of the countywide program.

C.4.b.iii ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

See Attachment C.4.b.iii

C.4.d.iii.(1)(a) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	24	
Total number of inspections conducted	24	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	0	N/A
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0	N/A
Comments:		

C.4.d.iii.(1)(b) ► Frequency and Types/Categories of Violations Observed

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	0
Comments:	

C.4.d.iii.(1)(b) ► Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP) ⁴⁹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁵⁰
Level 1	Verbal Warning	6	100%
Level 2	Notice of Violation	0	0%
Level 3	Formal Enforcement	0	0%
Level 4	Legal Action	0	0%
Total		0	0%

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.4.d.iii.(1)(c) ► Types of Violations Noted by Business Category

Fill out the following table or attach a summary of the following information.

Business Category ⁵¹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Commercial	0	0
Food Service	0	0
Property Mgmt.	0	0

C.4.d.iii.(1)(d) ► Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.e.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/Commercial Site Inspectors in Attendance	Percent of Industrial/Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Commercial /Industrial Stormwater Inspection Training Workshop	May 5, 2016	<ul style="list-style-type: none"> Stormwater Inspections under MRP 2.0 Inspecting Public Works Corporation Yards Inspecting Mobile Businesses Talkin' Trash 	2	2	2	100%

Comments:

⁵¹List your Program's standard business categories.

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 15-16 Annual Report for description of activities at the countywide or regional level. City staff also participates in the CCCWP Municipal Operations Committee.

C.5.c.iii ► Complaint and Spill Response Phone Number

List below or attach your complaint and spill response phone number

Jeff Brown, Public Works Superintendent - 510-812-4630

City Dispatch, Police/Fire Department – 510-724-1111

City Webpage - <http://www.ci.hercules.ca.us/index.aspx?page=133>

Provide your complaint and spill response web address, if used <http://www.ci.hercules.ca.us/index.aspx?page=133>

Is a screen shot of your website showing the central contact point attached?

☒

Yes

☐

No

If No, explain:

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

- To report illegal dumping/spills in the creek or an illicit discharge into the City's storm drain system, the webpage directs citizens to call 1-800-NO DUMPING (1-800-663-8674).
- For emergency situations such as a hazardous waste spill or a situation that will result in the imminent and substantial danger to the health and safety of persons, citizens are directed to call Police/Fire Dispatch at 510-724-1111 or call 911.

C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking		
	Number	Percentage
Discharges reported (C.5.d.iii.(1))	0	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	0	0%
Discharges resolved in a timely manner (C.5.d.iii.(3))	0	0%
Comments: The City's illicit discharge complaint and response program is implemented through the Police Department since they are dispatched 24 hours. If a complaint is received, the Public Works Superintendent will be contacted for guidance and/or assistance. There have been no reported illicit discharges this year, but staff continues to monitor the creeks on a regular basis. They inspect wherever a roadway crosses the creek and outfalls.		

C.5.f.iii ► MS4 Map Availability
Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.
The majority of City's MS4 storm drain plans are currently in electronic format. The Public request to search and view the plans at City Hall.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ► Hillside Development Criteria

What criteria is your agency using to determine hillside development areas?	<input type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria	<input checked="" type="checkbox"/>	The permit definition of projects on sites with $\geq 15\%$ slope
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.				
Description: Hillside Development shall mean a site having an average slope of fifteen percent (15%) or greater.				

C.6.e.iii.2.a, b, c ► Site/Inspection Totals

Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
# 0	# 2	# 14
Comments: The City had two active sites with City limits. One is a City road and bridge project and the other is a private residential development. No, violations were issued for either constructions site.		

C.6.e.iii.2.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations ⁵² excluding Verbal Warnings	% of Total Violations ⁵³
Erosion Control	0	
Run-on and Run-off Control	0	
Sediment Control	0	
Active Treatment Systems	0	
Good Site Management	0	
Non Stormwater Management	0	
Total⁵⁴	0	100%

⁵²Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵³Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵⁴The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

C.6.e.iii.2.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵⁵	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁶
Level 1 ⁵⁷	Verbal Warning	0	
Level 2	Notice of Violation	0	
Level 3	Formal Enforcement	0	
Level 4	Legal Action	0	
Total		0	100%

C.6.e.iii.2.f, g ► Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	0

⁵⁵Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁶Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁷For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.2.h, i ► Violation Correction Times		
	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	0	% ⁵⁸
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	% ⁵⁹
Total number of violations (excluding verbal warnings) for the reporting year ⁶⁰	0	100%
Comments:		

C.6.e.iii.(4) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: With general compliance of the few sites, it is difficult to analyze data trends and BMP performance issues.

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: The City uses contract inspectors to perform all C.6 inspections. Refer to the C.6 Construction Site Control section of the CCCWP's FY 15-16 Annual Report for a description of activities at the countywide or regional level.

C.6.f ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
CCCWP Construction Inspection Training Workshop	June 14, 2016	1. C.6 Requirements Overview – Highlights on the MRP 2.0 Requirements 2. Municipal Perspective - Hillside Project Policy	0	

⁵⁸Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁹Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁶⁰The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

		3. C.6 BMPs Tool Box & BMP Resources 4. MRP 2.0 and General Construction Permit Overlap and Differences 5. Inspections, Documentation, and Reporting		

Section 7 – Provision C.7. Public Information and Outreach

C.7.b.i.1 ► Outreach Campaign

Summarize outreach campaign. Include details such as messages, creative developed, and outreach media used. The detailed outreach campaign report may be included as an attachment. If outreach campaign is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

Refer to Section 7 Public Information and Outreach in the CCCWP's Annual Report for advertising efforts conducted on behalf of all permittees.

C.7.c. Stormwater Pollution Prevention Education

City's Point of Contact for information regarding stormwater issues, watershed characteristics, and stormwater pollution prevention alternatives is Mike Roberts, Public Works Director/City Engineer. This information is publicize on the CCCWP website.

Local stormwater phone number(s)

510.799.8241

Local/Regional stormwater website(s)

www.cccleanwater.org

Outreach:

Refer to the CCCWP's FY 15-16 Annual Report, Section C.7 "Public Information and Outreach" for details on how the CCCWP maintains and publicizes the stormwater point of contact and stormwater pollution prevention education.

C.7.d ► Public Outreach and Citizen Involvement Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
2016 Community Watershed Stewardship Grant Program	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.
May 2016 "Bring Back the Natives" Garden Tours	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.
Our Water Our World (Tabling/Outreach Event at stores)	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.
Website: CCCleanwater.org Community Calendar	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.
Website: MyGreenGarden.org	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.

C.7.e. ► Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

The City participated in a countywide effort through the 2016 Community Watershed Stewardship Grant Program, Bring Back the Natives Garden Tours, Contra Costa Watershed Forum, Green Business Program, and the CCCleanWater.org Community Calendar. Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness.

C.7.h. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.

Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
2016 Community Watershed Stewardship Grant Program	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.
"Be Classy Not Trashy" Youth Outreach Litter Campaign	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.

FY 2015-2016 Annual Report
Permittee Name: City of Hercules

C.7 – Public Information and Outreach

	their effectiveness.	their effectiveness.	
Mr. Funnelhead School, City/County Events and TV Ads	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance						
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				<input checked="" type="checkbox"/> X	Yes	<input type="checkbox"/> No
If no, explain:						
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.						
Trends in Quantities and Types of Pesticides Used⁶¹						
Pesticide Category and Specific Pesticide Used	Amount ⁶²					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	0					
Product or Pesticide Type A						
Product or Pesticide Type B						
Pyrethroids	0					
Product or Pesticide Type X						
Product or Pesticide Type Y						
Carbamates	0					
Product or Pesticide Type X						
Product or Pesticide Type Y						
Fipronil	0					
Termidor SC	48oz.					
Product or Pesticide Type Y						
Indoxacarb	Reporting					

⁶¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶²Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypemethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

	not required in FY 15-16					
Diuron	Reporting not required in FY 15-16					
Diamides	Reporting not required in FY 15-16					
IPM Tactics and Strategies used: City contractors use IPM strategies regularly. This has been recorded in the pesticide usage reports provided to the state.						

C.9.b ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	0
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	0
Type of Training: N/A	

C.9.c ► Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	X	Yes		No
If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored The City contract's all pest management activities to Terminix who are IPM certified.				

C.9.d ► Interface with County Agricultural Commissioners			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, summarize the communication. If no, explain.			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			

C.9.e.ii (1) ► Public Outreach: Point of Purchase
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP's FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach
Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); AND/OR reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWPs FY 15-16 Annual Report for information on pest control contracting outreach conducted countywide and regionally.

C.9.e.ii.(3) ► Public Outreach: Pest Control Operators
Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); AND/OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.
Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP's FY 15-16 Annual Report for a summary of public outreach to pest control operators and landscapers.

C.9.f ► Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 15-16, we participated in regulatory processes related to pesticides through contributions to the CCCWP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the trash estimate below, including whether the applicable trash reduction performance guideline or deadline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions

Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	10.4%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii)	0%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	5%
SubTotal for Above Actions	15.4

Trash Offsets (Optional)

Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0%
Total Estimated % Trash Load Reduction in FY 15-16	15.4%

Discussion of Trash Load Reduction Estimate: Please see the attached plan for the City of Hercules on how to reach the 70% requirement.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 15-16		
HDS Units	9	284
LID Facilities	1	10
Installed in FY 15-16		
LID Facilities	1	6
Total for all Systems Installed To-date	11	300
Treatment Acreage Required by Permit (Population-based Permittees)		11
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 15-16 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	0.0	11	0%	All City Maintained HDS Units were serviced with no issues to report.
2	0.0			
3	0.0			
4	8.1			
5	0.0			
6	0.0			
7	0.0			
8	0.0			
9	0.0			
Total	8.1			

Certification Statement: The City of Hercules certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
N/A	

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Avg # of Assessments Conducted at Each Site	
1	0.4	0.0	0.0	0	0
2	1.3	0.0	0.0	0	0
3	0.8	0.0	0.0	0	0
4	0.0	0.0	0.0	0	0
5	0.4	0.0	0.0	0	0
6	1.6	0.0	0.0	0	0
7	0.1	0.0	0.0	0	0
8	0.1	0.0	0.0	0	0
9	0.0	0.0	0.0	0	0
Total		0.0	0.0	0	0.0

C.10.b.iv ► Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single-use Plastic Bag Ordinance or Policy	Adopted on September 9 th 2014, Single-use Bag Ordinance regulates the use of plastic and recyclable paper carryout bags and promotes the use of reusable bags.	With the current staffing available within the City, evaluations and assessments of the ordinance have not been implemented to date. Outreach and evaluation is something the City would like to be able to gather information on. City staff has reached out to neighboring municipalities to gather information on the finding that they have from their evaluation programs.	Per the Environmental Impact Report conducted by RecycleMore the Single-Use Bag Ordinance would reduce single-use plastic bags by 95%; staff is proposing a more moderate 75% reduction for this reporting period. This is inline with other municipalities that are neighbors to Hercules. Based on the 75% anticipated single use bag reduction, and the EIR projection of 95% assumed compliance rate, Hercules calculates a 5% ($8\% \times 75\% \times 95\%$) trash load reduction attributable to the implementation of the Single-Use Bag Ordinance.	5%	5%

C.10.b.iv ► Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

Expanded Polystyrene Food Service Ware Ordinance or Policy	Adopted on May 13th 2008, the Expanded Polystyrene Food Service Ware Ordinance prohibits the use or distribution of expanded polystyrene utensils.	With the current staffing available within the City, evaluations and assessments of the ordinance have not been implemented to date. Outreach and evaluation is something the City would like to be able to gather information on. City staff has reached out to neighboring municipalities to gather information on the finding that they have from their evaluation programs.	The City has performed a brief review of other neighboring Municipalities that indicates compliance with the Ordinance to be ranging from 75-90%. The City of Hercules is not looking to take a credit for this ban in the percent reduction although the City does feel that this ban has had beneficial impacts on the percent reduction	0%	
---	--	--	---	-----------	--

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 15-16 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
3900 San Pablo Ave	N	No date for 15-16	2 cy	2 cy	2 cy	1.5 cy	No Data for 15-16

C.10.d ► Long-Term Trash Load Reduction Plan	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your trash generation map was revised and is attached to your Annual Report.	
Description of Significant Revision	Associated TMA
City corporation yard and two private industrial parcels are low generating parcels and were removed from TMA#5. Please see the attached map.	TMA #5
Caltrans corporation yard is non-jurisdictional and was removed from TMA#5.	TMA #5
K-12 public schools have been reclassified as non-jurisdictional and removed from TMA#6. Please see the attached map.	TMA #6
Hanna and Refugio Creek Parks have been assessed for Baseline generation rates and moved to low generation. Please see the attached map.	TMA #3 & 8

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 15-16	Offset (Jurisdiction-wide Reduction %)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	N/A	N/A	0%
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	0%

Appendix XX. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via <u>Other Control Measures</u> (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	0	11	0	11	0	0	11	0	11	0.0	0	0	11	0	11	0.0	0.0
2	0	30	0	0	30	0	30	0	0	30	0.0	0	30	0	0	30	0.0	0.0
3	20	0	0	0	20	20	0	0	0	20	0.0	20	0	0	0	20	0.0	0.0
4	2	10	0	0	12	12	0	0	0	12	10.1	12	0	0	0	12	0.0	10.1
5	8	0	0	0	8	8	0	0	0	8	0.0	8	0	0	0	8	0.0	0.0
6	0	6	0	0	6	0	6	0	0	6	0.0	0	6	0	0	6	0.0	0.0
7	0	5	0	0	5	0	5	0	0	5	0.0	0	5	0	0	5	0.0	0.0
8	10	0	0	0	10	10	0	0	0	10	0.0	10	0	0	0	10	0.0	0.0
9	3751	0	0	0	3751	3751	0	0	0	3751	0.0	3,751	0	0	0	3,751	0.0	0.0
Totals	3792	51	11	0	3855	3801	42	11	0	3855	10.1	3,801	42	11	0	3,855	0.0	10.1

Section 11 - Provision C.11 Mercury Controls

- C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ► Assess Mercury Load Reductions from Stormwater**
- C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads**
- C.11.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.11.e ► Implement a Risk Reduction Program**

Summary:

A summary of countywide and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the CCCWP's FY 15-16 Annual Report and/or BASMAA regional reports." The City's Household Hazardous Waste Programs are coordinated through RecycleMore, The West Contra Costa Integrated Waste Management Authority. RecycleMore promotes its HHW programs through its website (www.recyclemore.com), newspapers, brochures, flyers and videos.

Section 12 - Provision C.12 PCBs Controls

C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions

C.12.b ► Assess PCBs Load Reductions from Stormwater

C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

C.12.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations

C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way

C.12.f ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

C.12.g ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

C.12.h ► Implement a Risk Reduction Program

Summary:

A summary of Permittee, CCCWP and BASMAA regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the CCCWP's FY 15-16 Annual Report and/or BASMAA regional reports."

Section 13 - Provision C.13 Copper Controls

C.13.a.iii ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

<i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?	X	Yes		No
<i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper architectural features are addressed through the issuance of building permits.				
Summary: Plan check staff are trained to identify these features. Building permit staff also warns contractors against flushing copper piping systems and advises that the water must be captured and disposed of properly.				
<i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.				
Summary: The City does not have any facilities that have been identified as potential users or sources of copper.				

C.13.b.iii ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?	<input checked="checked" type="checkbox"/>	Yes	<input type="checkbox"/>	No
(For FY 15-16 Annual Report only) Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.				
Summary: The City Ordinance prohibits the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains.				
(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.				
Summary: No enforcement actions were needed regarding copper-containing discharges from pools, spas and fountains.				

C.13.c.iii ► Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.
Summary: The City does not have any facilities that have been identified as potential users or sources of copper.

Section 15 -Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City through the CCCWP promote and implement several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:

- **Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).**
- **Green Business Program, which promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.**
- **Our Water Our World (OWOW) Program, which promotes to consumers at the point of purchase less toxic alternatives to combating lawn and garden pests.**
- **Bay Friendly Landscaping and Gardening Training and Certification Program, which promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.**

Attachment C.4
Inspections 15-16

**Clean Water Inspections
Fiscal Year 2015-16**

**Annual Report
7/1/2015-6/30/2016**

Type	Facility Name	Address	STW City	Inspector	Date	Inspection Type	Billing Type	Enforcement?
Commercial	West Coast Drilling	1360 Willow Ave	Hercules	J. Neugebauer	7/6/2015	Enforcement F/	Targeted	None
Commercial	West Coast Drilling	1360 Willow Ave	Hercules	J. Neugebauer	7/22/2015	Enforcement F/	Targeted	None
Commercial	West Coast Drilling	1360 Willow Ave	Hercules	J. Neugebauer	6/21/2016	Reinspected	Targeted	WN
Dry Cleaner	Hercules Cleaners	1581 Sycamore Ave	Hercules	J. Neugebauer	12/29/2015	Reinspected	Targeted	None
Food Service	Cabalen Filipino Cusine	1572 Sycamore Ave F	Hercules	J. Neugebauer	5/10/2016	Initial	Targeted	WN
Food Service	Cabalen Filipino Cusine	1572 Sycamore Ave F	Hercules	J. Neugebauer	5/20/2016	Enforcement F/	Targeted	None
Food Service	Choko's Cuisine	1511 Sycamore Ave	Hercules	J. Neugebauer	9/22/2015	Reinspected	Targeted	None
Food Service	Dragon Terrace	1581 Sycamore Ave #1	Hercules	J. Neugebauer	10/12/2015	Reinspected	Targeted	None
Food Service	Extreme Pizza	3700 San Pablo Ave	Hercules	J. Neugebauer	6/20/2016	Reinspected	Targeted	None
Food Service	Kinders Meats, Deli, Bbq	3600 San Pablo Ave #1	Hercules	J. Neugebauer	6/21/2016	Reinspected	Targeted	WN
Food Service	Kinders Meats, Deli, Bbq	3600 San Pablo Ave #1	Hercules	J. Neugebauer	6/30/2016	Enforcement F/	Targeted	None
Food Service	Marylou's Homemade Delights	1572 Sycamore Ave F	Hercules	J. Neugebauer	5/10/2016	Closed	Targeted	None
Food Service	Rsm Oriental Foodmart/restaurant	1500 Sycamore Ave B-5	Hercules	J. Neugebauer	9/22/2015	Reinspected	Targeted	WN
Food Service	Starbucks Coffee	3700 San Pablo Ave	Hercules	J. Neugebauer	6/20/2016	Reinspected	Targeted	WN
Food Service	Starbucks Coffee	3700 San Pablo Ave	Hercules	J. Neugebauer	6/30/2016	Enforcement F/	Targeted	None
Gas Station	Union 76/pro Wash & Go	828 Willow Ave	Hercules	J. Neugebauer	5/31/2016	Reinspected	Targeted	None
Grocery Store	Lucky Supermarket	1590 Sycamore Ave	Hercules	J. Neugebauer	10/12/2015	Initial	Targeted	None
Laboratory	Bio-Rad Laboratories	225-265 Linus Pauling Drive	Hercules	S. Linsley	12/11/2015	Reinspected	Targeted	None
Laboratory	Bio-Rad Laboratories	4000 Alfred Nobel Drive	Hercules	S. Linsley	12/11/2015	Reinspected	Targeted	None
Manufacturing	A&B Die Casting	900 Alfred Nobel Drive	Hercules	J. Neugebauer	5/31/2016	Reinspected	Targeted	None
Property Mngt	Creekside Center	1501 Sycamore Ave	Hercules	J. Neugebauer	10/13/2015	Reinspected	Targeted	WN
Property Mngt	Creekside Center	1501 Sycamore Ave	Hercules	J. Neugebauer	10/23/2015	Enforcement F/	Targeted	None
Property Mngt	Donald Rosenberg	3600 San Pablo Ave	Hercules	J. Neugebauer	6/29/2016	Closed	Targeted	None
Retail	Home Depot	1625 Sycamore Ave	Hercules	J. Neugebauer	10/13/2015	Reinspected	Targeted	None

Total number of Initial Inspections and Reinspections: 16

Total number of NOV's issued: 0

Total number of Follow-up, Enforcement Follow-up, Surveillance, Consultation and Partial inspections: 6

Total number of WN's issued: 6

Total number of closed or moved Inspections: 2

8/17/2016

Attachment C.5
Spill Reporting Information
City Website

City of Hercules : Storm V

www.ci.hercules.ca.us/index.aspx?page=133

BookmarksGovClarityHercules IntermodalGoogle MapsCC Clean Water Program

CalendareNoticesPolice ReportingMunicipal CodeContact Us



City of
Hercules
The Dynamic City on the Bay

Voted by *Forbes.com* as a
"Most Livable Metro-Area Suburb"

Search

HOMEABOUT HERCULESDEPARTMENTS & SERVICESWHAT'S NEWRESIDENTSBUSINESSES I WANT TO...

Public Works

- Flood Hazards
- Graffiti
- Lighting & Landscaping
- Fire Prevention
- Sanitary Sewer
- Storm Water
- Streets & Sidewalks
- Permits
- Standard Design, Plans & Specifications
- Landscape Standards
- Contact Us

Departments & Services » Public Works

Storm Water

E-mailPrint

A great deal of water pollution is caused by the things that we do everyday. What we leave on sidewalks and streets impacts our water quality. When it rains, storm water mixes with trash, antifreeze, motor oil, and other undesirable items. Storm water flows off the sidewalk or street to the nearest storm drain. Storm drains are large, underground pipes designed to prevent flooding on streets and sidewalks of Hercules. Storm water eventually flows into San Pablo Bay.

REPORTING A PROBLEM:

- To report illegal dumping/spills in the creek or an illicit discharge into the City's storm drain system, please call 1-800-NO DUMPING (1-800-663-8674).
- For emergency situations such as a hazardous waste spill or a situation that will result in the imminent and substantial danger to the health and safety of persons, please call Police/Fire Dispatch at 510-724-1111 or call 911.

CLEAN WATER INFORMATION:

The Clean Water Program is dictated by State and Federal environmental mandates, requiring every City to comply under the National Pollutant Discharge Elimination System (NPDES) permit. Thus the City of Hercules has implemented the following programs:

- Street Sweeping**
The Street Sweeping Program was initiated to catch the trash and debris before it reaches the storm drain systems and creeks. All residential streets are swept on a monthly basis and all main streets are swept twice-a month. The [Street Sweeping Map](#) (PDF) shows when your street will be swept. The street sweeping schedule is designed to work in conjunction with the trash collection schedule. To assist us in keeping our streets and creeks clean, please do not park your vehicle on the street the day your street will be swept.
- Storm Drain Maintenance**

Attachment C.10.a
Plan to meet 70% requirement

City of Hercules

**Plan and Schedule for Implementation
of Additional Trash Load Reduction Control Actions to
Attain 70% by July 1, 2017**

Submitted to the
California Regional Water Quality Control Board for the San Francisco Bay Region
September 30, 2016
in compliance with Provision C.10 of the Municipal Regional Stormwater Permit

A. Introduction

The following plan and schedule for implementation of additional trash load reduction control measures is designed to attain the 70% trash load reduction mandate by July 1, 2017. This plan is being submitted to satisfy Provisions C.10.a.i and C.10.f.v.a of the Municipal Regional Stormwater Permit.¹

The City of Hercules has a three-part plan to achieve compliance:

1. Installation of Full Trash Capture
2. Implementation of Other Control Measures
3. Updating of the City Stormwater Ordinance

B. Implementation of Additional Full Trash Capture

The City of Hercules plans to enter into a contract with approved vendor(s) to install Full Trash Capture Devices at locations to be determined in Trash Management Areas 1 & 2. TMA 1 represents ~2 acres of high trash generation rate and TMA 2 represents ~6 acres of moderate generation rate in City Right-of-way. In addition to City installations, the City's updated ordinance will require private property owners in these two TMA's to install full trash capture to cover the remaining acres in these TMAs.

The City is using GIS to map and calculate the full trash capture drainage areas in TMAs 1 & 2 that account for approximately 8 acres within City Right-of-Way (ROW).

Table 1: Additional Full Trash Capture Devices to Be Installed

Types of Devices	Total Number of Devices Per Type to Be Installed in FY 2016-2017
Connector Pipe Screens	TBD
Baskets (TopHats, Crescents, etc.)	TBD
C.3 LID	
Other	
Total	TBD

¹ 1 Order R2-2015-0049, issued by the California Regional Water Quality Control Board for the San Francisco Bay Region became effective on January 1, 2016 and applies to 76 cities, towns, counties, and flood control districts.

Table 2: Additional Acres Proposed to be Treated by Full Trash Capture Devices Per Trash Generation Rate Per Trash Management Area in 2016-2017 and Projected Jurisdiction-Wide Percent Reduction

TMA	Additional Acres Proposed to Be Treated by Full Trash Capture Devices					Projected Jurisdiction-Wide Percent Reduction
	Low	Mod	High	Very High	Total Acres	
1			1.58		2	25%
2		5.68			6	
3					0	
4					0	
5					0	
6					0	
7					0	
8					0	
9					0	
10					0	
Total	0	6	2	0	8	

C. Implementation of Other Control Measures

The City of Hercules has implemented an increased sweeping schedule for the streets that abut the schools. The necessary assessments will be conducted in order to verify that the increase in frequency of street sweeping to weekly in these areas has moved the acres in the ROW from medium to low generation. This will be part of the Annual Report submitted in FY 2016-2017.

**Table 3: Projected Reapportioned Acres Per Trash Generation Rate Per TMA
Based on Implementation of Control Measures Other than Full Trash Capture
Devices in FY 2016-2017**

TMA	Projected Reapportioned Acres Based on Implementation of Non-Full Trash Capture Control Measures					Projected Jurisdiction- Wide Percent Reduction
	Low	Mod	High	Very High	Total Acres	
1					0	6%
2					0	
3					0	
4					0	
5					0	
6		6			6	
7					0	
8					0	
9					0	
10					0	
Total	0	0	0	0	0	

D. Updating of the City's Stormwater Ordinance

The City of Hercules is in the process of passing an updated stormwater management and discharge control ordinance². The updated ordinance will give the City the necessary authority to require installation of full trash capture devices in the privately owned acres of trash generation in the City that drain directly to the MS4. The updated ordinance will include language that the City may require installation and maintenance of full trash capture devices, within a time frame specified by the City to prevent the discharge of trash or other pollutants from private parking lots, streets, roads, and drainage facilities into the storm drain system. The ordinance will also include language that (1) failure or refusal to timely comply with such requirement is prohibited and shall constitute a violation of this Chapter, which may result in administrative citations being issued, and (2) requires the property owner to enter into a long-term covenant or agreement ensure the operation and maintenance of full trash capture devices.

² The first hearing by the Town Council of the updated stormwater management and discharge control ordinance is scheduled for 2016.

Approximately 29 acres of moderate trash generation and 9 acres of high trash generation represent the City's remaining acres needing to be treated in order to reach the 2022 goal of 100%.

E. Summary of Control Measures and Offsets with Anticipated Percent Reduction

The City believes that the plan being put forward to meet the 70% requirement will be successful. The installation of full trash capture along with increased sweeping should get the City to 31.4%. The remaining percent reductions will come through the installation of full trash capture devices on the privately owned parcels.

Table 4: Projected Percent Reduction in Trash Load Through FY 2016-2017

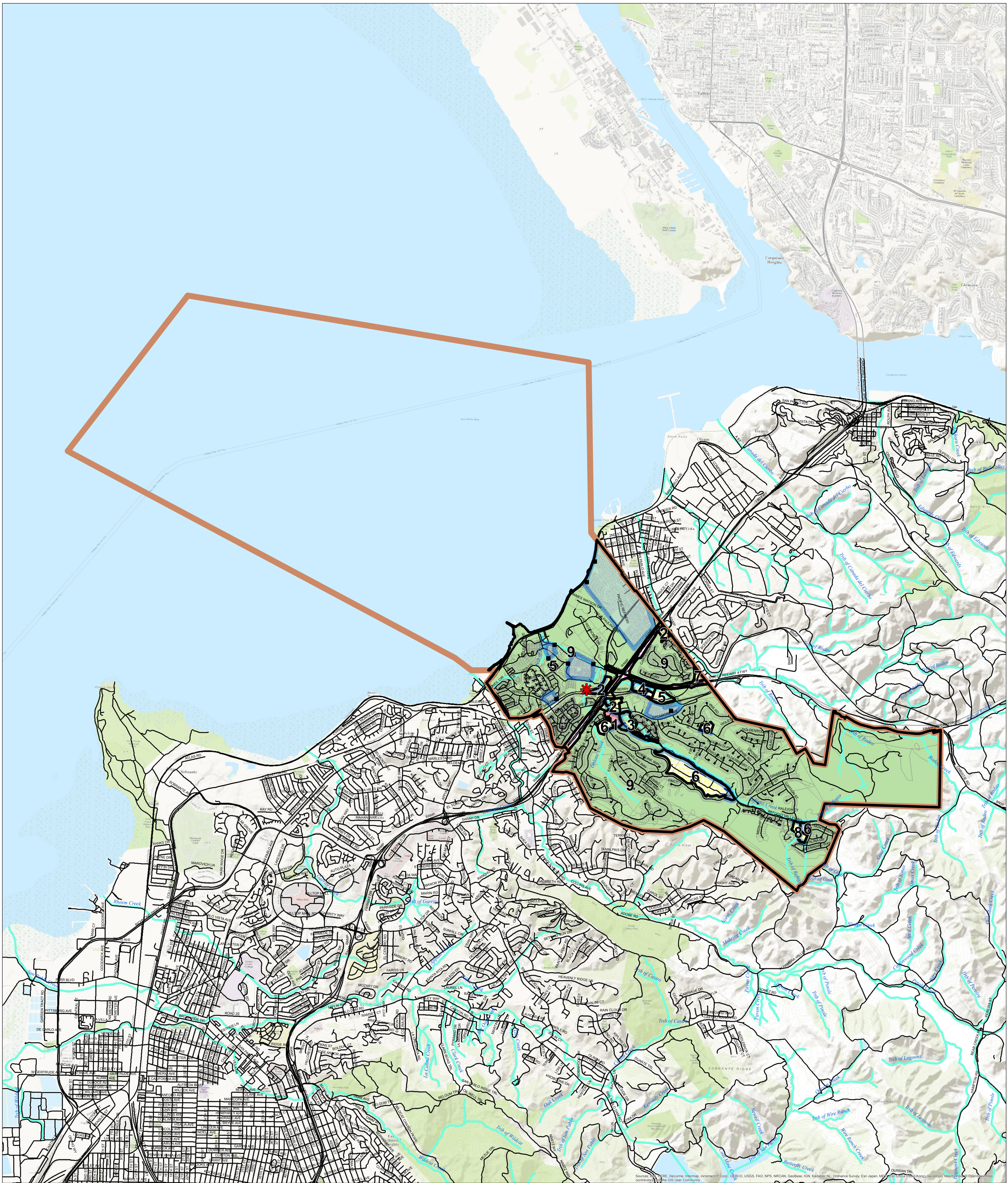
Totals	Current Percent Reduction as of July 1, 2016	Projected Percent Reduction Through July 1, 2017
<i>Actions</i>		
Full Trash Capture Devices	10.4%	25.1%
Other Measures	5.0%	6.3%
Ordinance	0.0%	~60-70%
<i>Subtotal</i>	15.4%	~70-100%
<i>Offsets</i>		
Additional Creek and Shoreline Cleanups	0.0%	0.0%
Direct Discharge Program	0.0%	0.0%
<i>Subtotal</i>	0.0%	0.0%
Total	15.4%	~70-100%

F. Plan and Schedule for Implementation Summary

The City of Hercules has begun the planning for installation of full trash capture devices. Locations have been located within the GIS system and vendors are being considered. The increased street sweeping is already being performed and assessments are currently planned for implementation.

The ordinance is an update to the current stormwater ordinance for the City. During the updating process, the City plans to offer outreach to private property owners in the included areas. This process is projected to take the City six to eight months to complete. Once completed implementation of the requirements and installation of devices may take an additional 12-18 months.

Attachment C.10.d
Updated Baseline Trash Map



HERCULES Full Trash Capture and Trash Management Area Map

Trash Generation Category

- Low
- Medium
- High
- Very High

Creek/Shoreline Hotspot

Trash Management Area

Full-Capture Location

Full Trash Capture

Non-Jurisdictional (Dot color = Generation Category)

Streets

Agency Boundary

Creeks

Parcel Boundary



0 0.375 0.75 1.5 Miles



Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed.

Map Created By CCCWP GIS

8/30/2016